# THE WARWICK CYCLE AND AUTOMOBILE COMPANY

1 9 0 3

SPRINGFIELD ✱ MASSACHUSETTS ✱ U.S.A.

# WARWICK

## *Automobiles, Motor Cycles, Bicycles*

1903

Manufactured by

WARWICK CYCLE & AUTOMOBILE COMPANY

SPRINGFIELD, MASSACHUSETTS: U. S. A.

Warwick Motor Car, Folding Front Seat Closed

Wheel Base, 70 inches; Tread, 54 inches.
Rear Seat, 42 inches wide; Front Folding Seat, 36 inches wide.

Artillery Wheels — Detachable Tires, 28 by 3 inches.
Four Speed Transmission Gear, three forward, one reverse.

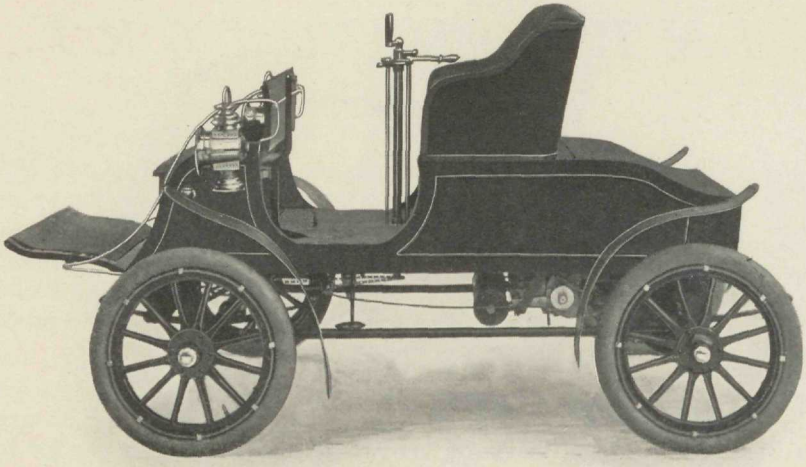
*Weight — 1100 pounds*

**Price — with 6 horse power motor, $1,150.00**

# *INTRODUCTORY*

THE Warwick product for 1903 consists of Motor Cars and Motor Cycles, using gasolene for fuel, and also bicycles. It may not be necessary to mention the fact that Warwick quality is maintained in all cases, and our motto, "The best is none too good," still prevails. The best material is used in the construction of these vehicles, and our aim is to do the best work possible. With these few preliminary remarks we proceed to give in detail descriptions and specifications of the different articles.

THE most important factor in our product is the Motor Car. The cut on page 2 represents the car when used with one seat for two passengers. The one on page 4 shows the same with front seat open, making a very comfortable two seat car for four passengers. The front seat is provided with a rail which not only supports the back and footboard when open, but also provides convenient handles to assist in getting in and out of both seats. This is a novel device upon which patent has been applied for. It is ornamental as well as useful and adds to the appearance of the carriage whether the seat is open or closed. A six horse power motor is used in connection with a four speed transmission gear, three forward and one reverse. This gear runs in a bath of oil. A very effective circulating pump is attached to the gear, also a patented starting clutch, enabling



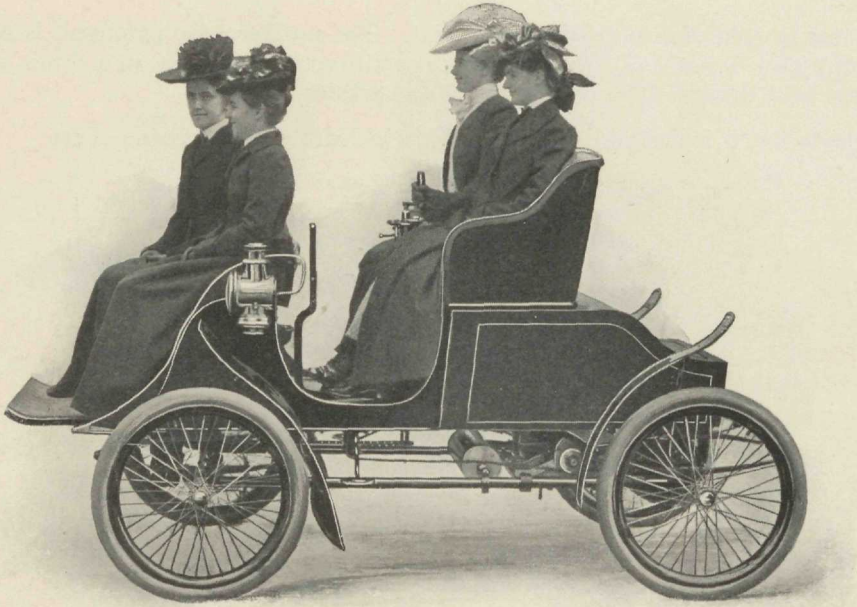
Warwick Motor Car, Folding Front Seat Open

The above cut shows the Motor Car described on page 2, open, making two comfortable seats for four passengers

the operator to start the motor from the seat. The muffler (also patented) is noiseless; the running gear is made of heavy tubing; the differential enclosed in a drum, making a strong and neat device. The wheels are of the artillery type.

To summarize, it is desirable to buy a Warwick Motor Car because of its

Perfect freedom from danger of blowing up or burning.
No flame to blow out or gauges to look after.
Compactness and extreme simplicity; all parts accessible.
Ease of learning to operate.
No vibration experienced by the rider.
A perfectly noiseless muffler.
An absolutely safe steering device.
Starting device operated by a lever from the seat.
New double-acting brake.
Continuous hand rail for sustaining back and foot-rest to front seat when open, and for convenience in mounting and dismounting both seats.
Beauty of style and design.
Workmanship and material are of the best.



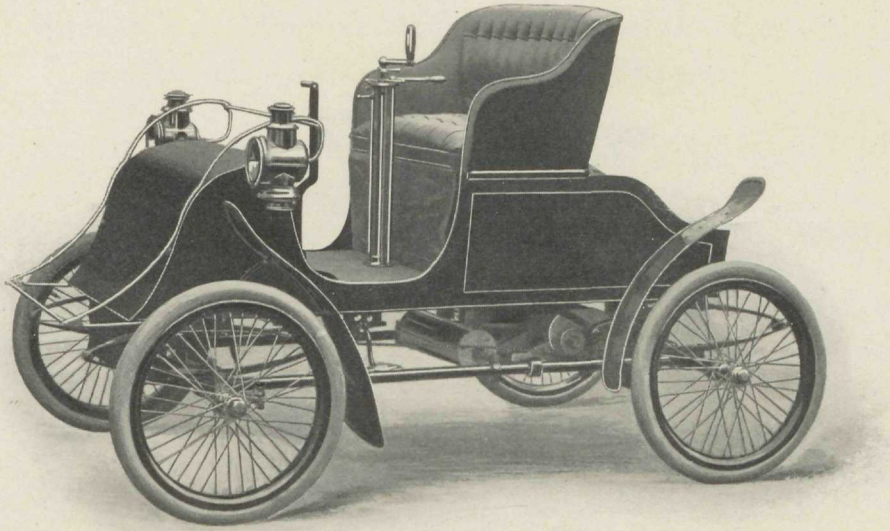
Above represents one of our later cars with folding front seat for four passengers

Wheel Base, 66 inches; Tread, 54 inches.
Wire Wheels, 28 by 2½-inch Tires, either detachable or hose-pipe.

Rear Seat, 37 inches; Front Seat, 36 inches.
Four Speed Transmission Gear, three forward, one reverse.

*Weight—1000 pounds*

**Price — with 6 horse power motor, $1,100.00**



This cut represents the Motor Car shown on opposite page, closed

This style is also made up without front folding seat
and without front rail

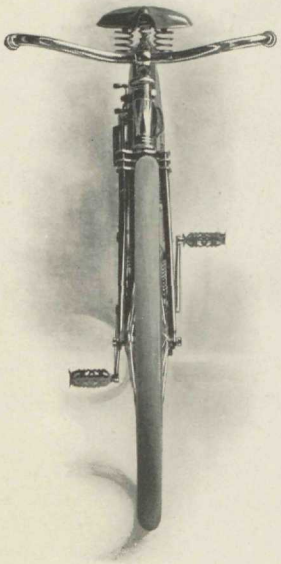
**Price — with 6 horse power motor, $1,050.00**

WARWICK MOTOR CYCLE—MODEL 100

# Warwick Motor Cycle — Model 100

ENAMELED WARWICK VERMILION WITH ALUMINUM STRIPING

Price, ~~$225.00~~ $200.00



This is a very compact and beautiful machine of medium light weight and fine running qualities.

*Specifications:* Frame, 22 inches; head, 5 inches; wheel base, 47½ inches; drop, 3 inches; tread, 5¾ inches. Spokes — 36 in front and 40 in rear wheel.

This machine is equipped with either detachable or hose-pipe tires, 1¾ by 28 inches; best quality of saddle, handle-bar and pedals; nickel steel chains.

*All machines fitted with New Departure Coaster Brake without extra charge*

MODEL 95

# Model 95

| | |
|---|---|
| Model 95 L . . . . . | 4½-inch Head; 20½-inch Frame |
| Model 95 M . . . . . | 5½-inch Head; 21½-inch Frame |
| Model 95 H . . . . . | 6½-inch Head; 22½-inch Frame |

## Price, $50.00

THIS model has a wheel base 41 inches long, with tread 4½ inches and drop 3½ inches. It is put up with D. & J. hanger. The cranks are either 6½ or 7 inches long. The upper and lower tubes are 1 inch, 20-gauge, saddle pillar 22-gauge; all flush joints. The rear forks and stays are ovaled full length and tapered. Finish is either black with double aluminum stripe, or vermilion with same stripe. Fork crown is drop-forged, single piece, and beautiful in design. Spokes are of the very best quality Diamond E with special nickeling, 36 in rear and 32 in front wheel. The pedals are rat-trap. The handle-bars are adjustable and reversible, with interior fastenings, with or without forward extension. Seat-posts, forward L with interior fastenings. The gears range from 70 to 130. The tires may be selected from Hartford, Palmer, Goodrich, Fisk and Diamond. Saddles, either Troxel, Persons or Oak. Chain, ⅛-inch, best nickeled steel.

*Above Model furnished with Coaster Brake when desired at $5.00 additional*

MODEL 97

# Model 97

| | |
|---|---|
| Model 97 L . . . . . | 4½-inch Head; 20½-inch Frame |
| Model 97 M . . . . . | 5½-inch Head; 21½-inch Frame |
| Model 97 H . . . . . | 6½-inch Head; 22½-inch Frame |

## Price, $35.00

This model has wheel base 42 inches long and tread 4¼ inches, with drop of 2½ inches. It is fitted with D. & J. hanger; cranks 6½ or 7 inches long. The upper and lower tubes are 1 inch in diameter, 20-gauge; saddle pillar 22-gauge; all flush joints. The rear stays are ovaled and tapered, and the rear forks ovaled at rear and round in front. Finish is black with single aluminum stripe, or vermilion with single black stripe. Fork crown is drop-forged and single piece. There are 32 spokes in front wheel and 36 in rear. Handle-bars are adjustable and reversible with interior fastenings. Seat-posts, L front with interior fastenings. Gears from 72 to 96. Tires, Diamond 400. Saddles, Hunt 200 or Troxel 25 E. Chain, $\frac{3}{16}$, polished.

*Above Model furnished with Coaster Brake when desired at $5.00 additional*

# Model 98

Model 98 . . . . . 7-inch Head; 21½-inch Frame

**Price, $30.00**

This model has wheel base 43½ inches long and tread 5 inches; drop to hanger 3 inches. It is finished with single piece cranks, 6½ inches long. The tubing is 1 inch in diameter, 20-gauge; frame has flush joints. The rear stays are round at top and tapered, and oval at bottom, and the rear forks round at hanger and tapered oval at rear. Finish is black with single aluminum stripe. Fork crown is drop-forged and single piece. There are 32 spokes in front wheel and 36 in rear. Handle-bars are adjustable and reversible with interior fastenings. Seat-post, L front with interior fastenings. Gears from 72 to 88. Tires, either Hartford 50 or Diamond Special. Saddles, Sager or Troxel. Chain, $\frac{3}{16}$, polished.

*Coaster Brake furnished on above Model at $5.00 additional*

# Model 99

Model 99 . . . . . 5½-inch Head; 21½-inch Frame

**Price, $25.00**

This model has wheel base 44 inches long, with drop 2¾ inches; tread 4¾ inches. It is put up with single piece cranks, 7 inches long. The tubing is 1 inch, 20-gauge; all flush joints. The rear stays are round at the seat-post cluster and tapered and ovaled at bottom. The rear forks are round at bottom bracket and tapered oval at rear. Finish is black. Fork crown is drop-forged, single piece. Spokes, 36 in rear and 32 in front wheel. The pedals are rat-trap. The handle-bars are adjustable and reversible, with interior fastenings. Seat-post, forward L with interior fastenings. The gears range from 70 to 88. Tires, Diamond Special. Saddles, Troxel 6 E. Chain, $\frac{3}{16}$.

*Coaster Brake furnished on above Model at $5.00 additional*

# GUARANTEE

THE WARWICK BICYCLE IS GUARANTEED FOR *SIXTY DAYS* FROM DATE OF PURCHASE BY THE CUSTOMER. *THIS COVERS ALL DEFECTS* THAT MAY ARISE, WHETHER IN MATERIAL OR WORKMANSHIP. THE TIRES HAVE THE USUAL MANUFACTURERS' GUARANTEE. OPTIONS ON TIRES & SADDLES ARE GIVEN IN SPECIFICATIONS. OPTIONS ALSO ON COASTER BRAKES, EITHER NEW DEPARTURE OR THOR, AT ADDITIONAL PRICE GIVEN.

WE wish to thank our patrons for favors already received and for the good words that have come to us from them in regard to our product. We are enlarging our line, both in bicycles and other vehicles, and desire to keep in touch with ali who are interested in our machines. We solicit enquiries from all and applications for agencies where we are not already represented.

Wishing a *Happy and Prosperous Year to All*, we are,

Truly yours,

WARWICK CYCLE & AUTOMOBILE CO